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(71) Applicant (for all designated States except US): **DAEHAN SPECIALTY CHEMICALS CO., LTD.** [KR/KR]; 383, Daejung-Ri, Onsan-Eup, Ulju-Gun, Ulsan City 689-892 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KWON, Jong Ho** [KR/KR]; #401, 106-Dong, Dongbu Apt., 1412, Jwa-Dong, Haeundae-Gu, Busan 612-778 (KR). **JUNG, Ki Suck** [KR/KR]; #102, Daedong Villa 4th, 871-18 Daeyoun-1-Dong, Nam-Gu, Busan 608-021 (KR). **SON, Woo Ho** [KR/KR]; #701, Myoungjin Prime Vil, 876-13 Daeyoun-1-Dong, Nam-Gu, Busan 608-021 (KR). **PARK, Seong Soo** [KR/KR]; #302, 129-Dong, LG Metrocity,

Yongho-Dong, Nam-Gu, Busan 608-090 (KR). **SHIN, Jun Sik** [KR/KR]; 731-9 Danggam-dong, Busanjin-Gu, Busan 614-100 (KR). **SONG, Seung Wook** [KR/KR]; 212-4 Kaya-3-Dong, Busanjin-Gu, Busan 614-013 (KR).

(74) Agent: **LEE, Hoon**; 649-14 Yeoksam-Dong, Gangnam-Gu, Seoul 135-080 (KR).

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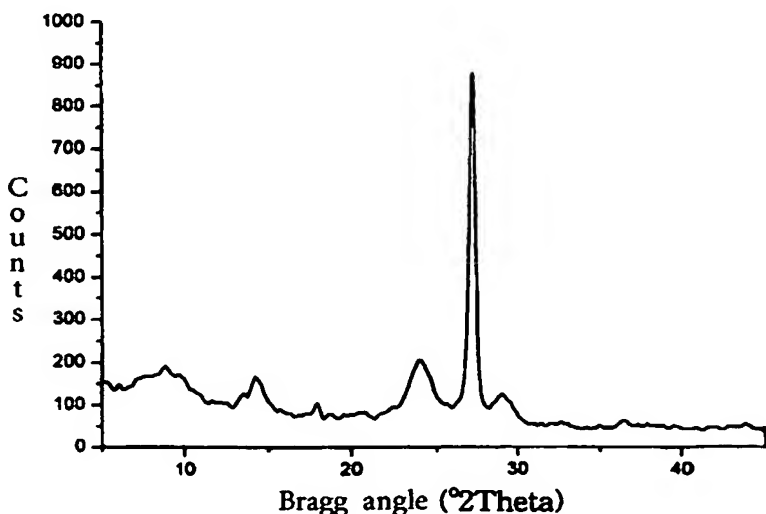
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(54) Title: METHOD FOR PREPARING OXYTITANIUM PHTHALOCYANINE CHARGE GENERATING MATERIAL AND THE NEW-TYPE OXYTITANIUM PHTHALOCYANINE CHARGE GENERATING MATERIAL THEREFROM



(57) Abstract: Disclosed herein is a method for preparing oxytitanium phthalocyanine as a charge generating material. The method comprises the steps of mixing 30~100wt% sulfuric acid and an oxytitanium phthalocyanine crude in a mixing ratio between 100:1 and 1:1, homogeneously grinding the mixture in a wet grinder filled with zirconia or glass beads as grinding media at -20°C~60°C for 0.1~24 hours, and removing the grinding media from the ground mixture using a solvent. According to the method, oxytitanium phthalocyanine usable as a high-quality charge generating material can be prepared without the use of expensive and difficult-to-handle reactants, such as trifluoroacetic acid and pentafluoropropionic acid. Further disclosed is an oxytitanium phthalocyanine charge generating material prepared by the method.



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